| Inde | of ( | Claims |  |
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| Application/Control No. |  |
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Applicant(s)/Patent under Reexamination

10/682,312 Examiner

MACALUSO, ANTHONY .G. Art Unit

Michael Vu

2617

Rejected = Allowed

(Through numeral) Cancelled

Restricted

Interference

Non-Elected

Appeal

Objected

|            |          | Ĺ              | Ľ      |                 |              | _    |          |     | Ĺ                                   |  |      |             |          |              | _  |  |                |  |              | Ľ  |  |   |
|------------|----------|----------------|--------|-----------------|--------------|------|----------|-----|-------------------------------------|--|------|-------------|----------|--------------|--|--|----------------|--|--------------|--|--|---|
| Cla        |          | _              |        |                 |              | 2016 |          |     | _                                   | _  | 1    | Čla         |          |              |  |  |                | ·  |              |  |  |   |
|            | LUTT     | -              | i ii   | īĦ              | π-'          | Date | -        |     | m                                   | $\vdash$   | ŀ    | Ult         | ,,,,,,   | -            | -  |  | _              | ate  | ,            |  |  | r |
| Final      | Original | 6/22/08        | 115hmz | £9/1/9          |              |      |          |     |                                     |  |      | Final       | Original |              |  |  |                |  |              |  |  |   |
|            | 1        | 1              | ∀      | V               | 1            | _    | -        | Н   | Н                                   |  |      |             | 51       |              |  | -  |                |  |              | П  |  | Ì |
|            | 2        | 1              | П      | V,              | Г            |      |          |     |                                     |  |      |             | 52       |              |  |  | _              |  |              | П  |  | ľ |
|            | 3        | 1              | IT     | V               |              | Г    |          |     |                                     |  |      |             | 53       |              |  |  |                |  |              | П  | 7  | ľ |
|            | 4        | 1              | П      | V               |              |      |          |     |                                     |  |      |             | 54       |              |  |  |                |  |              |  |  | ľ |
|            | 5        | 1              | Π      | 1               |              |      |          | Г   |                                     |  |      |             | 55       |              |  |  |                |  |              |  |  | ĺ |
|            | 6        | 1              | П      | V               |              | Г    |          |     |                                     |  |      |             | 56       |              |  |  |                |  |              |  |  | ĺ |
|            | 7        | 1              | П      | ₹               | Г            | Г    |          |     |                                     |  |      |             | 57       |              |  |  |                |  |              |  |  | I |
|            | 8        | V              | П      | 17              |              |      |          |     |                                     |  |      |             | 58       |              |  |  |                |  |              |  |  |   |
|            | 9        | V              | Π      | TV.             |              |      |          |     |                                     |  | . [  |             | 59       |              |  |  |                |  |              |  |  |   |
|            | 10       | 1              | П      | V               |              |      |          |     |                                     |  | . [  |             | 60       |              |  |  |                |  |              |  |  | ĺ |
|            | 11       | 1              | П      | V               |              |      | -        |     |                                     |  | ļ    |             | 61       |              |  |  |                |  |              |  |  | ĺ |
|            | 12       | 1              | П      | ₹               | L            |      |          |     |                                     |  |      |             | 62       |              |  |  |                |  |              |  |  | l |
|            | 13       | 1              | П      | V               |              | Ľ    |          |     |                                     |  |      |             | 63       |              |  |  |                |  |              |  |  |   |
|            | 14       | V              | П      | V               |              |      |          |     |                                     |  | ١. ا |             | 64       |              |  |  |                |  |              |  |  | ĺ |
|            | 15       | 1              | $\Pi$  | V               |              |      |          |     |                                     |  |      |             | 65       |              |  |  |                |  |              |  |  | ĺ |
|            | 16       | V              | П      | V               |              |      |          |     |                                     |  |      |             | 66       |              |  |  |                |  |              |  |  | ĺ |
|            | 17       | 1              | П      | V               |              |      |          |     |                                     |  |      |             | 67       |              |  |  |                |  |              |  |  | l |
|            | 18       | 1              | П      | V               |              |      |          |     |                                     |  |      |             | 68       |              |  |  |                |  |              |  |  | l |
|            | 19       | V              | П      | V               | L            |      | L        |     |                                     |  |      |             | 69       |              |  |  |                | L  |              |  |  | ļ |
|            | 20       | 1              | Ш      | V               | _            |      | L        | L   |                                     |  |      |             | 70       |              |  |  | _              |  | L            |  |  | į |
|            | 21       | 1              | П      | V               | L            |      |          |     |                                     |  | l    |             | 71       |              |  |  | _              |  |              | _  |  | ļ |
|            | 22       | 1              | Ш      | M               | _            | _    |          |     |                                     |  |      |             | 72       | _            |  |  | _              | L  | _            | L  | _  | ļ |
|            | 23       | V              | Ш      | V               | L            | L    | _        | Ш   | Ш                                   | Ш  |      |             | 73       |              | L  |  |                | L  | _            |  | L  | ļ |
|            | 24       | V              | Ш      | V,              | 4_           |      | _        | Ш   | Ш                                   |  |      |             | 74       | _            | <u> </u>   | <u></u>  | L.             |  |              |  | _  | ļ |
| <u></u>    | 25       | 1              | Ц      | V               | _            | _    | L        |     |                                     | Щ  |      |             | 75       |              | _  | _  | _              | _  | L            |  |  | ļ |
|            | 26       | 7              | Щ      | V               | <u> </u>     | L    | <u> </u> |     | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |  |      |             | 76       | _            | _  | _  | _              | _  | <u></u>      | _  | L.   | ļ |
| <u></u>    | 27       | 1              | Ш      | V               | 1_           | _    | _        |     | _                                   |  |      |             | 77       |              | L_   | _  | L              | _  |              | _  | _  | ļ |
| <u></u>    | 28       | 1              | Ц.     | V               | _            | ļ    | L_       | L., |                                     | _  |      |             | 78       |              | _  |  |                | Щ  |              | L  | _  | ļ |
|            | 29       | 1              | Ц      | V               | <u> </u>     | ļ    | L.       |     | _                                   |  |      |             | 79       | _            |  |  | L.             | _  | _            | _  | _  | ļ |
| ļ          | 30       | 7              | Ц      | _               | 1            | Ļ    | <u> </u> | _   | L                                   | L.,  | -    |             | 80       |              | _  | <u> </u>   | _              | <u> </u>   | L            | ┕  | _  | ļ |
| <u> </u>   | 31       | 1              | Ц      |                 | 1_           | ļ    |          | _   |                                     | ᆫ  |      |             | 81       |              | _  | _  | -              | _  | <u> </u>     | _  | -  | ļ |
| <u></u>    | 32       | 1              | Н      | Į¥,             | ļ.,          | _    | _        | L   | _                                   | <u> </u>   |      |             | 82       | Ļ.,          | _  | <u> </u>   | <u> </u>       | <u> </u>   | <u> </u>     | _  | ļ  | ļ |
| <b> </b>   | 33       | 1              | H      | V               | 4_           | ├-   | _        |     | -                                   |  |      |             | 83       | <u> </u>     | ┝  | ┝  | ├-             |  |              | -  | <u> </u>   | ļ |
| <b>—</b>   | 34       | 7              | ₩      | X               | <del> </del> | ┡    | <b> </b> | ├   | -                                   | _  |      |             | 84       | <u> </u>     | ├  | ├  | <del> </del>   | <del> </del>                                     | ├            | -  | H  | I |
| 1-         | 35       | 7              | H      |                 | 4            | ⊢    | ┞        | ļ   | L                                   | ⊢  |      |             | 85       | -            | -  | ⊢  | ├              | ┝  | ├            | ├-   | ⊢  | l |
| <u> </u>   | 36       | 1              | H      | V               | 4            | ┡    |          | -   | <u> </u>                            | _  | 1    |             | 86       | <del> </del> | -  | ┝  |                | -  | -            | ├  | -  | l |
| <b>-</b>   | 37       |                | H      | Y               |              | ┡    | ⊢        | ⊢   | -                                   | -  |      |             | 87       | ├            | ⊢  | -  |                | ├-   | <del> </del> | -  | -  | l |
| <b>}</b> — | 38       | 7              | H      | 15              | 4-           | ₩    |          | -   | ⊢                                   | -  | 1    | -           | 88<br>89 | ├-           |  | ├~   | -              | <del>-</del> -                                   | -            | ├  | -  | 1 |
| -          | 39       | 7              | H      | , V             | ╄            | ⊢    | ├-       | ├   | ⊢                                   | ⊢  |      | <del></del> | 90       |              | -  | ⊢  | ⊢              | ┢  | <del> </del> | H  | -  | ١ |
| -          | 40       | 1              | ₩      | 'l <del>V</del> | ╃-           | -    | ╀        | ├   | ⊢                                   | Н  |      |             | 91       | -            | -  | ┝  | -              | ⊢  | ├-           | -  | ⊢  | ł |
| <b>}</b>   | 42       | <del>  `</del> | 1×     | 1               | ╄            | ⊢    | ├        | ⊢   | ├                                   | ⊢  |      |             | 92       |              | -  | ┝  | -              | ╁╾   | ⊢            | ⊢  | ┝  | ł |
| <b>-</b>   |          | ╀              | ╀      | ╁               | ╀            | -    | ┝╼       | ├   | ├                                   | ├─   |      | _           | 93       |              | -  | ├  | ┝              | ╁  | ╌            | H  | ┝  | i |
| <b>—</b>   | 44       | ┼-             | ╀      | ┿               | ╁            | ⊢    | -        | ├   | -                                   | -  |      | <b>-</b>    | 94       | -            | -  | ⊢  | $\vdash$       | ⊢  | $\vdash$     | ╁╾   | ├─   | ١ |
| $\vdash$   | 45       | ╌              | ╀      | +-              | +-           | -    | -        | ⊢   | ⊢                                   | $\vdash$   | 1    |             | 95       | ├            | $\vdash$   | ⊢  | $\vdash$       | ⊢  | ┢            | $\vdash$   | ┢─   | j |
|            | 46       | ┼-             | ╁      | +-              | ╁            | ╁    | ╁        | ┼   | ├                                   | ├  | 1    | <u> </u>    | 96       | ├-           | -  | -  | -              | <del>  -  </del>                                 | $\vdash$     | ╁  | <del>                                     </del> | ١ |
|            | 47       | ╁              | ╁      | +               | ╁            | -    |          | ├-  | ⊢                                   | ╁  | {    |             | 97       | -            | -  | <del>                                     </del> | -              | ├~   | 1-           | $\vdash$   | ┢  | I |
| -          | 48       | 1-             | +      | +               | +-           | ╆    | ├-       | 1-  | -                                   | <del>                                     </del> | 1    | <del></del> | 98       | -            | ┢  | t  | -              | ┢  | 1            | t  | <del> </del>                                     | ١ |
| -          | 49       | 1-             | +      | +-              | +-           | ╆    | ╁        | +-  | +-                                  | ╁  | 1    |             | 99       | -            | $\vdash$   | 一  | ╁╴             | <del>                                     </del> | 1            | $\vdash$   | $\vdash$   | 1 |
| -          | 50       | 1-             | t      | ╁               | +            | †    | ╁╌       | ┪   | $\vdash$                            | t  | {    |             | 100      | ┢            | <del>                                     </del> | $\vdash$   | <del>  -</del> | +-   | 1            | <del>                                     </del> | $\vdash$   | ł |
|            | 1 27     | 1              | _      |                 |              | _    | ٠        | 1   | 1                                   |  | ,    |             |          |              |  |  |                |  |              |  |  | 1 |

| Cli  | mie      |              |  |                  | (  | Date   | 3        |                |                |          |
|--|----------|--------------|--|------------------|--|--|----------|----------------|----------------|----------|
|  |          |              |  |                  |  |  |          |                |                | П        |
| Final  | Original |              |  |                  |  |  | 1        |                | 1              |          |
| ;€   | .go      |              |  |                  |  |  | ı        |                |                | 1        |
| "  | ·ŏ :     |              | Ī  | ļ.               |  |  |          |                |                | li       |
|  |          |              |  |                  | _  | _  | _        |                |                | ш        |
|  | 101      |              | L  |                  |  |  |          |                |                | $\sqcup$ |
|  | 102      |              |  |                  |  |  |          |                |                |          |
|  | 103      |              |  |                  | _  |  |          | _              |                | М        |
| $\vdash$                                     | 104      | _            | $\vdash$   | -                | -  |  | ┢        | $\overline{}$  | ┢              |          |
|  | 105      | -            | -  | <del> </del>     | -  |  | -        | _              | -              | Н        |
|  | 105      |              | ⊢  | 1-               | -  |  | -        | _              | _              | Щ        |
| ļ  | 106      |              | _  | ↓_               |  |  | _        | _              |                | 낻        |
|  | 107      |              | L  | <u>L</u>         |  |  |          |                |                | Ш        |
|  | 108      |              |  | [ - "            |  |  |          |                |                |          |
|  | 109      |              |  |                  |  |  |          |                |                | П        |
|  | 110      | _            | _  |                  |  | $\overline{}$                                    |          | _              |                | М        |
| -  | 111      |              | _  | $\vdash$         | <del>-</del>                                     | _  | -        | -              | _              | Н        |
| -  | 112      | -            | ├-   | <del> </del>     | -  | $\vdash$   | ⊢        | -              | -              | ⊢⊣       |
| <u>                                     </u> | 112      |              | <u> </u>   | <b>-</b>         | $\vdash$   | ш  | <u> </u> | _              |                | Н        |
|  | 113      | _            | L  | <u> </u>         |  | L  | ᆫ        | _              |                | Ш        |
|  | 114      |              | L  | L                | L  |  | <u>.</u> | L_             |                | Ш        |
|  | 115      |              | Г  | Г                |  |  |          |                |                | П        |
|  | 116      | _            | _  | 1                |  |  | _        | _              |                | М        |
| -  | 117      |              | <del>  -</del>                                   | -                | _  | ┢  | ┪        | -              | _              | Н        |
|  | 118      | ┢            | ├  | ┼                |  | -  | ┢        | -              | -              | ┞─┤      |
|  | 110      | ├            | <u> </u>   |                  | ⊢  | -  | ├        | <del> </del> — | -              |          |
| ļ  | 119      | L            | L  | <b>!</b>         | <b>L</b>   | _  | ـــ      | <u> </u>       | L              | Ш        |
|  | 120      |              | _  |                  | <u></u>  | L  | 1        | Ŀ              |                | Ш        |
|  | 121      |              |  |                  |  | $\Gamma$   |          |                |                |          |
|  | 122      | Г            | П  | Т                | Г  | ı  |          |                | Г              |          |
| $\vdash$                                     | 123      | Т            | ┪  | +-               | $\vdash$   | t-   | Т        | 1              | _              | П        |
|  | 124      | -            | -  | +                | <del>                                     </del> | Ι-   | 1        | <del> </del>   |                | ┪        |
|  | 125      | Ͱ            | ├  | ┼                | ╌  | ┢  | ⊢        | ├              | -              | ╁        |
|  | 123      | ├            | ┞-   | ┼                |  | ١  | ⊢        | <del> </del> - | ├              | ┦        |
| <b>-</b>                                     | 126      | Ь            | ļ  |                  | <b>!</b>   | <del>  -</del>                                   | ╙        | <b>└</b>       | ┞              | ┺        |
|  | 127      | _            | L  | _                | <u> </u>   |  |          | <u> </u>       | <u>L</u>       |          |
| L  | 128      |              |  | <u> </u>         |  | 1  |          |                |                |          |
|  | 129      | Г            | Г  | Π                | Γ  | Γ  | T        | Ι .            |                |          |
|  | 130      | Г            | 1  |                  | 1  |  | 1        | 1              |                |          |
| <u> </u>                                     | 131      | _            | -  | +                | -  | $\vdash$   | t        | $\vdash$       | ┼              | Н        |
|  | 137      | ⊢            | ⊢  | ┰                | +  | <del>                                     </del> | ╁╌       | ┼-             | ┢─             | ╌        |
| <u> </u>                                     | 132      | -            | ₩  | $\vdash$         | -  | <del> </del>                                     | ├-       | -              | ٠              | ╌┤       |
| <b> </b>                                     | 133      | <b>—</b>     | ₩  | +                | ↓_   | ₩  | ┞        | ┡              | <b>!</b>       | ╀╌┤      |
| L  | 134      | _            | ļ  | 1_               | <u>Ļ</u>   | ┞_   | ┖        | ļ_             | 辶              | Ш        |
| L  | 135      | L            |  | L                | L  | L  | L        | L              | L              |          |
|  | 136      |              |  | Γ                | Γ  | Γ  | Γ        | Γ              |                |          |
|  | 137      | Г            | Т  | Т                | Τ  | 1  | T        | 1              | П              | П        |
| <b></b>                                      | 138      | IТ           | Т  | T                | 1  | 1-   | T        | Ť              | 1              | Т        |
| -  | 139      | H            | $\vdash$   | <del>  -</del>   | ┪  | ├-   | ╁        | <del>  -</del> | <del> </del>   | 1-       |
| <del> </del>                                 | 140      | ├            | <del> </del>                                     | ┼                | ╁  | ╁╾   | +-       | ├              | <del> </del>   | ٠.       |
|  |          | ├-           | ├  | ┰                | ┢  | ├  | ╄        | ⊢              | }              | -        |
|  | 141      | ₩.           | <del> </del>                                     | ╄                | ┺  | Ļ_   |          | ┞-             | <b>!</b>       | $\vdash$ |
|  | 142      | L            | L  | 1_               | 乚  | Ŀ  | L        | L              |                |          |
|  | 143      | L            | L  | $\mathbb{L}^{-}$ | L  | L  | L        | Ĺ              | Ĺ              |          |
|  | 144      | 1            |  | T                | <u> </u>   | ľ  | Г        | Γ              | Γ              | П        |
|  | 145      | Ι-           | _  | 1                | ⇈  | 1  | 1        | ✝              | 1              |          |
| -  | 146      | <del> </del> | <del>                                     </del> | +                | <del> </del>                                     | <del>                                     </del> | 1-       | +-             | <del>  -</del> | 1        |
| -  | 140      | ├-           | ├-   | +                |  | ┼-   | ┼-       | -              | ⊢              | 1        |
| <u> </u>                                     | 147      | ┞            | ↓  | 4-               | <del> </del>                                     | <b>├</b>   | ╄-       | ↓_             | ┡-             | 1-       |
|  | 148      | L            | <u></u>  | 1_               | 1_   | <u> </u>   | 1_       | 1_             | <u> </u>       | 1_       |
|  | 149      | Ĺ            | L  |                  | $\perp$  | L  | $\perp$  | L              | L              | L        |
|  | 150      |              | 1  | 1                | 1  | 1  | Г        | 1              | T              | 1        |
|  | 1 100    | ŧ .          | ı  | 1                | 1  |  | 1        | ,              | ł              | ,        |